

Attorney Docket No.: Enz-5(D8)(C2)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
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In re Application of: Dean L. Engelhardt et al.

JUL 07 2005

Serial No.: 08/486,069

Group Art Unit: 1631

Filed: June 7, 1995

Examiner: Ardin H. Marschel,  
Ph.D.

For: **NUCLEIC ACID SEQUENCING PROCESSES USING MODIFIED NUCLEOTIDES OR  
NUCLEOTIDE ANALOGS, AND OTHER PROCESSES FOR NUCLEIC ACID  
DETECTION AND CHROMOSOMAL CHARACTERIZATION USING SUCH MODIFIED  
NUCLEOTIDES OR NUCLEOTIDE ANALOGS**

Confirmation No.:

**CERTIFICATE OF FACSIMILE TRANSMISSION**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

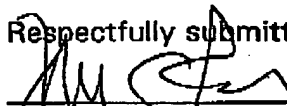
I hereby certify that the attached correspondence (total of 163 pages  
including this sheet) comprising:

Amendment Under 37 C.F.R. §1.116  
(In Response To The May 25, 2005 Office Action)

was sent to the United States Patent and Trademark Office by telefax to (703)  
872-9306.

Respectfully submitted,

Date: July 7, 2005

  
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Enz-5(D8)(C2)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): Dean Engelhardt et al.

Serial No.: 08/486,069

Filed: June 7, 1995

For: NUCLEIC ACID SEQUENCING PROCESSES  
USING MODIFIED NUCLEOTIDES OR NUCLEO-  
TIDE ANALOGS, AND OTHER PROCESSES FOR  
NUCLEIC ACID DETECTION AND CHROMO-  
SOMAL CHARACTERIZATION USING SUCH  
MODIFIED NUCLEOTIDES OR NUCLEOTIDE  
ANALOGS

Group Art Unit: 1631

Ex'r: Ardin H. Marschel, Ph.D.

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527 Madison Avenue, 9th Fl.  
New York, NY 10022-4304  
July 7, 2005

**FILED BY FACSIMILE TRANSMISSION****TO: 703-872-9306**

Mail Stop Amendment  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

**AMENDMENT UNDER 37 C.F.R. §1.116**  
**(TO THE MAY 25, 2005 OFFICE ACTION)**

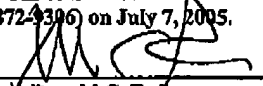
Sir:

This paper (Amendment Under 37 C.F.R. §1.116) is in response to the Office Action mailed on May 25, 2005 in connection with the above-identified application. A response to the May 25, 2005 Office Action is originally due by August 25, 2005. Accordingly, this paper (Amendment Under 37 C.F.R. §1.116) is being timely filed, and no extension request or fee is due or required.

Enz-5(D8)(C2)

Dean L. Engelhardt et al., Serial No.: 08/486,069 (Filed: June 7, 1995)

Page 2 [Amendment Under 37 C.F.R. §1.116 (In Response To The May 25, 2005 Office Action)  
- July 7, 2005]

CERTIFICATE OF TRANSMISSION	
I hereby certify that this paper (Amendment Under 37 C.F.R. §1.116 (In Response To The May 25, 2005 Office Action) (along with any documents referred to as attached or enclosed) is being facsimile transmitted to the United States Patent and Trademarks (Fax No. 703-872-4396) on July 7, 2005.	
<u>July 7 2005</u> Date	 Ronald C. Fedus Reg. No. 32,567

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks begin on page 148 of this paper.

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